

CLAIMS

1. A video/audio information recording/reproducing system for recording an inputted video information and an inputted audio information onto an optical record medium, and accessing and reproducing the inputted video information and the inputted audio information from said optical record medium, said system comprising:
- an information recording apparatus for processing the inputted video information and the inputted audio information, multiplexing the processed video information and the processed audio information together with a reproducing program to generate a record information, and recording the record information onto said optical record medium; and
- an information reproducing apparatus for accessing the record information recorded on said optical record medium, retrieving the reproducing program, the processed video information and the processed audio information from the record information, executing the reproducing program, and reproducing the inputted video information and the inputted audio information by the reproducing program.
2. The video/audio information recording/reproducing system of claim 1, wherein said information recording apparatus comprises:
- a first processor for applying a first predetermined process to the inputted video information to generate a processed video information;
- a second processor for applying a second predetermined process to the inputted audio information to generate a processes audio information;
- a storage means for storing the reproducing program;

a multiplexer for multiplexing the processed video information, the processed audio information and the reproducing program together to generate the record information; and

a record means for recording the record information onto said optical record medium.

3. The video/audio information recording/reproducing system of claim 2, wherein the first predetermined process comprises a MPEG coding.

4. The video/audio information recording/reproducing system of claim 2, wherein the second predetermined process comprises a MPEG coding.

10 5. The video/audio information recording/reproducing system of claim 2, wherein the second predetermined process comprises an AC-3 coding.

6. The video/audio information recording/reproducing system of claim 2, wherein the second predetermined process comprises a linear PCM coding.

15 7. The video/audio information recording/reproducing system of claim 1, wherein the reproducing program is a selected reproducing program selected from a plurality of reproducing programs, and wherein said information recording apparatus comprises:

a first processor for applying a first predetermined process to the inputted video information to generate a processed video information;

20 a second processor for applying a second predetermined process to the inputted audio information to generate a processes audio information;

a storage means for storing the plurality of reproducing programs;

a control means, operated by a user-selective information, for selecting one

from the plurality of reproducing programs as the selected reproducing program;

a multiplex means for multiplexing the processed video information, the processed audio information and the selected reproducing program together to generate the record information; and

a record means for recording said record information onto the optical record medium.

8. The video/audio information recording/reproducing system of claim 5, wherein the first predetermined process comprises a MPEG coding.

10 9. The video/audio information recording/reproducing system of claim 5, wherein the second predetermined process comprises a MPEG coding.

10. The video/audio information recording/reproducing system of claim 5, wherein the second predetermined process comprises an AC-3 coding.

11. The video/audio information recording/reproducing system of claim 5, wherein the second predetermined process comprises a linear PCM coding.

12. An information recording apparatus for recording an inputted video information and an inputted audio information onto an optical record medium, comprising:

a first processor for applying a first predetermined process to the inputted video information to generate a processed video information;

20 a second processor for applying a second predetermined process to the inputted audio information to generate a processes audio information;

a storage means for storing a plurality of reproducing programs;

a control means, operated by a user-selective information, for selecting one

from the plurality of reproducing programs;

a multiplex means for multiplexing the processed video information, the processed audio information and the selected reproducing program together to generate a record information; and

5 a record means for recording the record information onto the optical record medium.

13. The information recording apparatus of claim 12, wherein the first predetermined process comprises a MPEG coding.

10 14. The information recording apparatus of claim 12, wherein the second predetermined process comprises a MPEG coding.

15. The information recording apparatus of claim 12, wherein the second predetermined process comprises an AC-3 coding.

15 16. The information recording apparatus of claim 12, wherein the second predetermined process comprises a linear PCM coding.